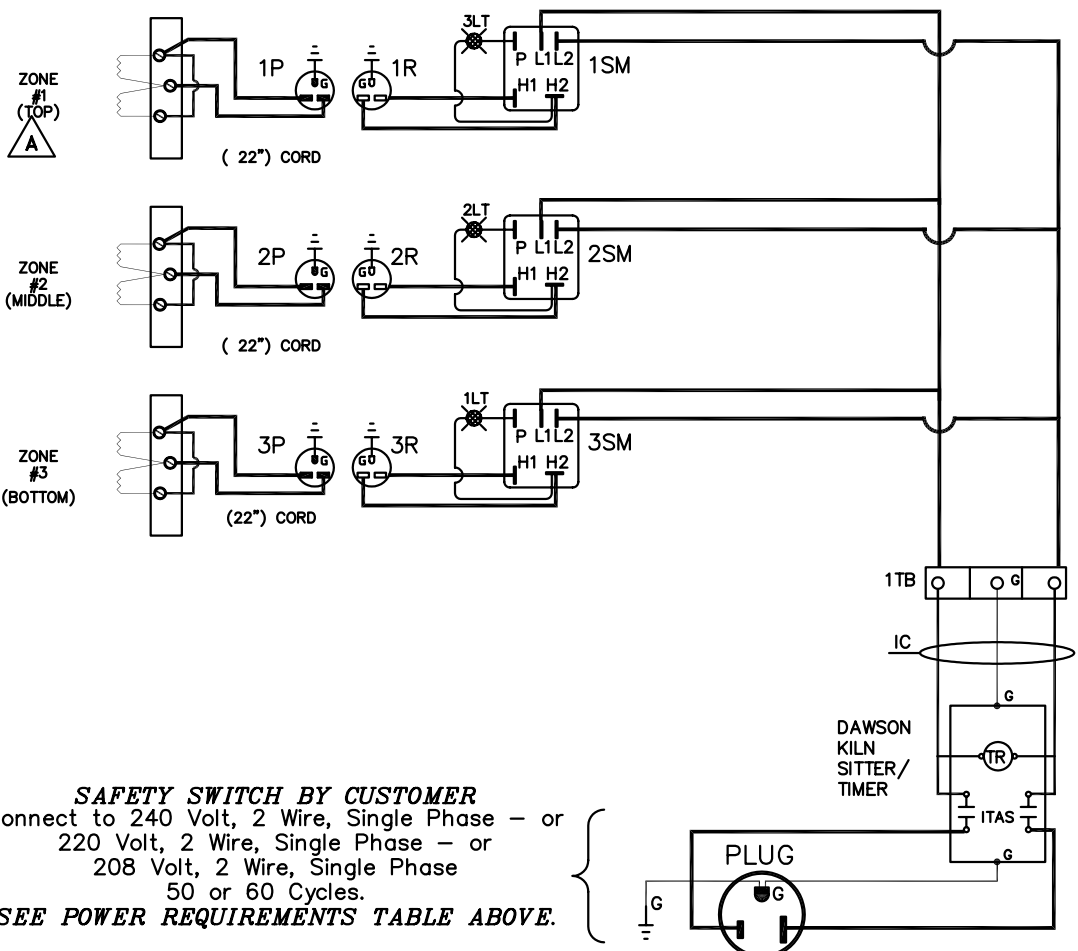


KILN ASSEMBLY                      PANEL ASSEMBLY



**SAFETY SWITCH BY CUSTOMER**  
 Connect to 240 Volt, 2 Wire, Single Phase - or  
 220 Volt, 2 Wire, Single Phase - or  
 208 Volt, 2 Wire, Single Phase  
 50 or 60 Cycles.  
**SEE POWER REQUIREMENTS TABLE ABOVE.**

**TO CONVERT TO AUTOMATIC CONTROL:**  
 Contact Factory for information on ordering and installing  
 a separate Control System, which has a power receptacle  
 into which you can plug the Kiln.

**NOTES:**  
 All control & power wiring is No. 14 AWG, SEWF-2.  
 Industrial & commercial applications may require the installation  
 of a LOCKOUT/TAGOUT device to prevent the Kiln from operating  
 during maintenance.

NEMA 6-50P  
 POWER CORD

This Kiln is recommended to be wired & connected to an approved  
 U. L. & NEC configured receptacle and properly fused according  
 to the KW load specification listed on the Kiln Nameplate.  
 L&L Kiln Mfg., Inc., also recommends fuses rather than circuit  
 breakers to prevent nuisance tripping.

J23 POWER REQUIREMENTS
208 VOLTS 1 PHASE 50-60 HZ 6.1KW 29.3 AMPS 40 A Class H FUSES
220 VOLTS 1 PHASE 50-60 HZ 6.5 KW 29.3 AMPS 40 A Class H FUSES
240 VOLTS 1 PHASE 50-60 HZ 7.0 KW 29.3 AMPS 40 A Class H FUSES

J230 REQUIREMENTS
208 VOLTS 1 PHASE 50-60 HZ 9.2 KW 43.98 AMPS 60 A Class H FUSES
220 VOLTS 1 PHASE 50-60 HZ 9.7 KW 43.98 AMPS 60 A Class H FUSES
240 VOLTS 1 PHASE 50-60 HZ 10.6 KW 43.98 AMPS 60 A Class H FUSES

MODEL J23 =  
 ZONES 1 THRU 2  
 2 - 9" RINGS  
 MODEL J230 =  
 ZONES 1 THRU 3  
 3 - 9" RINGS

**ELECTRICAL PARTS LIST**

SYMBOL	QTY	DESCRIPTION	SHOP PART NO.	CUSTOMER PART NO.
PLUG	1	72" POWER PLUG, NEMA 6-50P	E-CRD-372050-A1	L-G-PC50/72
1TB	1	POWER CONNECTION BOARD	.	L-J-PB00/01
1TAS	1	DAWSON KILN SITTER W/ TIMER	T-DAW-LT3240-A1	N-G-LT30/00
1TAS	1 (OPT)	50Hz DAWSON KILN SITTER W/ TIM	T-DAW-LT3240-A2	N-G-LT30/50
SM (240)	3	INPUT ZONE SWITCHES	E-INF-240XXX-A1	L-J-INFO/30
SM (208)	3	INPUT ZONE SWITCHES	E-INF-208XXX-A1	L-J-INFO/20
LT	3	INPUT ZONE PILOT LIGHTS	E-PIL-SR250V-A1	L-G-PILO/00
IC	1	INTERCONNECT CORD	E-CRD-328050-A1	L-G-INCD/00
R	1	SINGLE RECEPTACLE NEMA 6-15R	E-REC-S15250-A1	L-J-SR15/00
R	1	DUPLX RECEPTACLE NEMA 6-15R	E-REC-D15250-A1	L-J-DR00/00
P	VARIABLES	22" PLUGS NEMA 6-15P	E-CRD-3220150-A1	L-J-JC00/00
H (240)	9-15	240 Volt HEATING ELEMENTS	.	E-J-2300/30
H (208)	9-15	208 Volt HEATING ELEMENTS	.	E-J-2300/20
H (220)	9-15	220 Volt HEATING ELEMENTS	.	E-J-2300/40

B	11/13/08	UPDATED LOGO, ADDRESS, TITLE BLOCK, & BORDER			
A	6/2/98	CHG'D ZONE NO.S FROM TOP TO BOT.			
0	2/24/97	ISSUED AS REV 0 - NO CHANGES FROM REV P			
REV#	DATE	REVISION DESCRIPTION			

505 SHARPTOWN ROAD  
 SWEDESBORO, NJ 08085  
  
 PHONE: (856) 294-0077  
 FAX: (856) 294-0070

hotkilns.com

TITLE    **ECONO KILN WIRING DIAGRAM**  
**MODELS J23 & J230**  
 Complete with Dawson Kiln Sitter  
 208 or 220 or 240 Volts / 1 Phase

DRAWN BY <b>J.E.M.</b>	REV. CODE	DRAWING NO.
DATE 1/22/97	SCALE 1 = 8	B      K035-101
CHK	APP	
JOB NO. STANDARD	SER NO.	SHEET NO.   OF
FILE NAME L:\EVL\KILN\USERIES		MADE FROM
K035-100.dwg		J23-1, J230-1 (Manual L&L Mfg. Dwg)